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IN THE UNITED STATES PATENT AND TRADEMARK

Box New Patent Application
 Commissioner for Patents
 Washington, D.C. 20231

Attorney's Docket No.: 18973-73
 (P01-3800US)

JC996 U.S. PTO

10/004718

12/03/01

FILING TRANSMITTAL

Transmitted herewith for filing is the Patent Application of :

Lawrence Sivert Brakmo and Deborah Anne Wallach

For: **"POWER REDUCTION IN COMPUTING DEVICES USING MICRO-SLEEP INTERVALS"**

ENCLOSURES

- ☒ 18 page application including specification, claims and abstract;
 - ☒ 02 sheets (Figs. 1 - 2) of ☒ informal/☐ formal drawings;
 - ☒ A Declaration (☒ signed/☐ unsigned);
 - ☒ A postcard for return to us as proof of receipt of the referenced documents.
- and**
- ☒ An Assignment of the invention with an assignment cover sheet;
 - ☐ Applicant claims small entity status (Under 37 CFR 1.27);
 - ☒ IDS (form PTO-1449) and copies of references;
 - ☒ A Power of Attorney by Assignee, Certificate Under 37 C.F.R. 3.73 and copy of Assignment; and
 - ☒ Other. Cover Page and Check No. 127088 in the amount of \$960.00.

TYPE OF FILING

- ☐ This application claims the benefit of an earlier filed U.S. Patent Application (35 USC 120).
- ☐ This application claims the benefit of the priority date of an earlier filed provisional patent application (35 USC 119).
- ☐ This is an application filed pursuant to 37 CFR 1.53, permitting receipt of a filing date upon filing of specification, claims and drawings, if required, with applicant being given a period of one month from the date of notice to file the fee and oath or declaration.
- ☒ In the event any parts of this application are missing, please treat this as a filing under 37 CFR 1.53 as defined just above.

CERTIFICATE OF MAILING (37 CFR 1.10(A))

CERTIFICATE OF MAILING BY "EXPRESS MAIL" - Rule 10: I hereby certify that this correspondence is being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" under 37 CFR 1.10 as Express Mail No. EL655034243US addressed to Box New Patent Application, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202 on December 3, 2001 by Sharyl Brown

Date: December 3, 2001

Sharyl Brown
 Sharyl Brown

FEE CALCULATION

The filing fee has been calculated as shown below:

				SMALL ENTITY	OR	OTHER THAN A SMALL ENTITY	
BASIC FEE Design Patent				\$165	\$	\$330	\$
BASIC FEE Utility Patent				\$370	\$	\$740	\$740
EXTRA FEES				RATE	FEE	RATE	FEE
Total claims	30	minus 20 =	10	x9 =	\$0	x18 =	\$180
Independent Claims	2	minus 3 =	0	x42 =	\$0	x84 =	\$
<input type="checkbox"/> Multiple Dep. Claim				+140 =	\$	+280 =	\$
<input checked="" type="checkbox"/> Assignment				+40 =	\$	+40 =	\$ 40
<input type="checkbox"/> Rule 53 Surcharge				+65 =	\$	+130 =	\$
TOTAL					\$		\$960

FEE PAYMENT


- ☒ Attached is Check No. 127088 in the sum of \$960.00 to cover the filing fee.
☐ Please charge Account No. 02-3964 the sum of \$_____

FEE DEFICIENCY

- ☐ Please charge Account No. 02-3964 in the sum of \$_____
- ☒ The Commissioner is authorized to charge (or credit any overpayment) to deposit account No. 02-3964:
- ☒ Any additional filing fees required under 37 CFR 1.16, except Rule 53 filings, which will be paid within the time permitted by PTOL 1533.
 - ☐ Assignment Recordal fees.
- ☒ The filing fee and surcharge under 37 CFR 1.16, patent application processing fees under 37 CFR 1.17 and patent issue fees under 37 CFR 1.18 are intended to be paid by our firm as they arise. As no abandonment is intended by any inadvertent nonpayment of fees, the Commissioner is hereby authorized to charge payment of such fees as from time to time come due, if not paid prior to due date to our Deposit Account No. 02-3964.
- ☒ A duplicate copy of this sheet is enclosed.

Dated: December 3, 2001

Respectfully submitted,



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IN THE UNITED STATES PATENTS AND TRADEMARK OFFICE

Applicants: Brakmo et al.

Attorney Docket No.: 18973-73 (P01-3800US)

Application No.: Not Assigned

Group Art Unit: Unknown

Filed: Herewith

Examiner: Unknown

For: "Power Reduction In Computing Devices Using Micro-Sleep Intervals"

CERTIFICATE UNDER 37 CFR 3.73(b)

Compaq Information Technologies Group, L.P., a Texas corporation, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of a chain of title from the inventors of the patent application identified above, to the current assignee as shown below:

1. From: Lawrence Sivert Brakmo To: Compaq Information Technologies Group, L.P.

The document was recorded in the Patent and Trademark Office on _____ as Reel #, Frame _____, or for which a copy thereof is attached.

2. From: Deborah Anne Wallach To: Compaq Information Technologies Group, L.P.

The document was recorded in the Patent and Trademark Office on _____ as Reel #, Frame _____, or for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this certificate on behalf of the assignee.

Date: December 3, 2001



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